

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
 Data File : BN034588.D
 Acq On : 15 Oct 2024 01:20
 Operator : RC/JU
 Sample : P4282-01DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241002DL

Quant Time: Oct 15 01:42:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 17:52:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

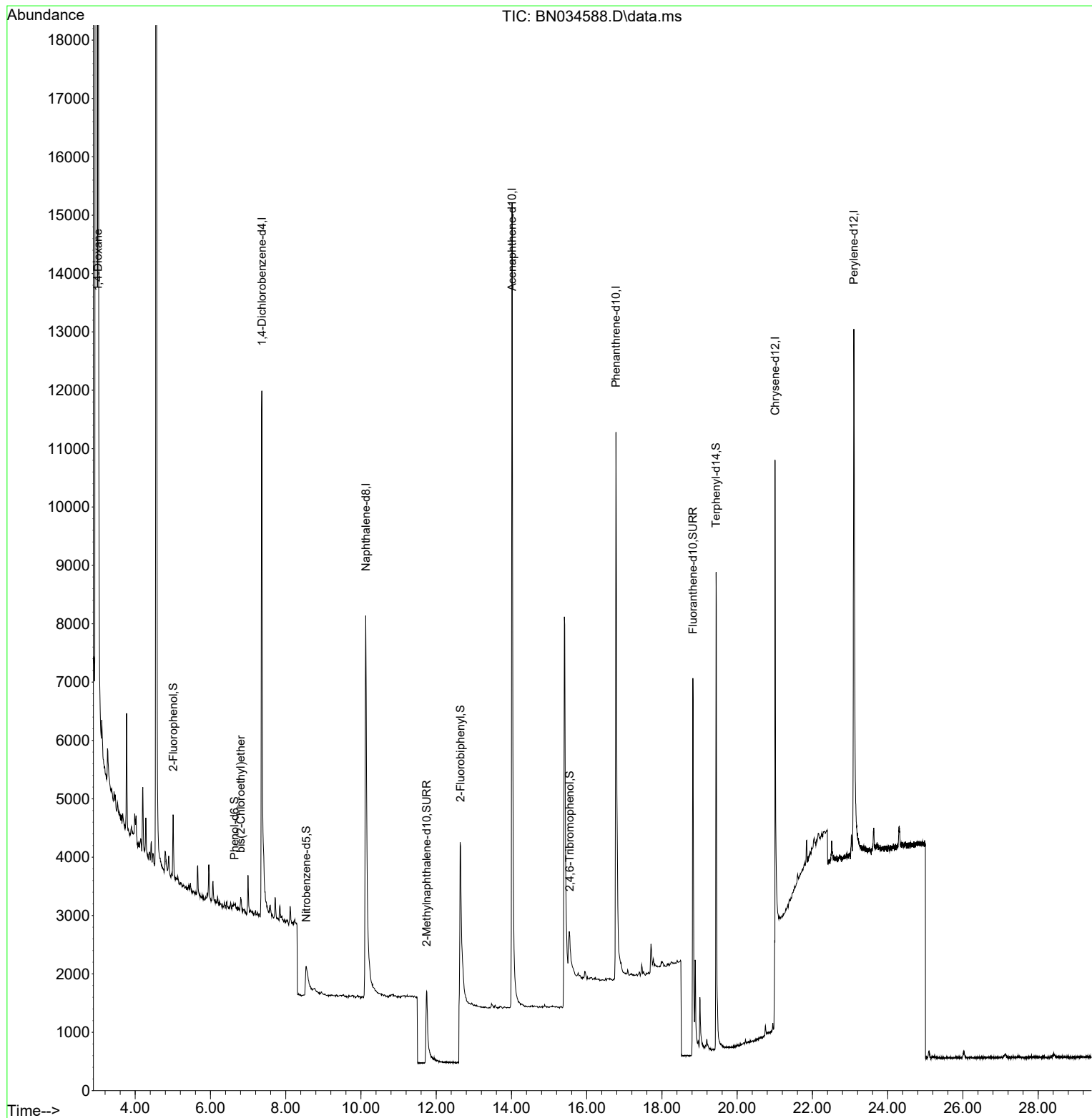
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.366	152	5734	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	16758	0.400	ng	0.01
13) Acenaphthene-d10	14.015	164	10655	0.400	ng	0.00
19) Phenanthrene-d10	16.778	188	19543	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	7752	0.400	ng	0.00
35) Perylene-d12	23.102	264	14568	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	990	0.064	ng	0.00
5) Phenol-d6	6.636	99	351	0.022	ng	0.07
8) Nitrobenzene-d5	8.547	82	1286	0.118	ng	0.03
11) 2-Methylnaphthalene-d10	11.746	152	3755	0.149	ng	0.02
14) 2,4,6-Tribromophenol	15.549	330	543	0.115	ng	0.02
15) 2-Fluorobiphenyl	12.647	172	5388	0.147	ng	0.00
27) Fluoranthene-d10	18.822	212	9770	0.206	ng	0.00
31) Terphenyl-d14	19.440	244	9256	0.362	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.011	88	18108	2.618	ng	Qvalue 95
6) bis(2-Chloroethyl)ether	6.802	93	366	0.028	ng	# 59

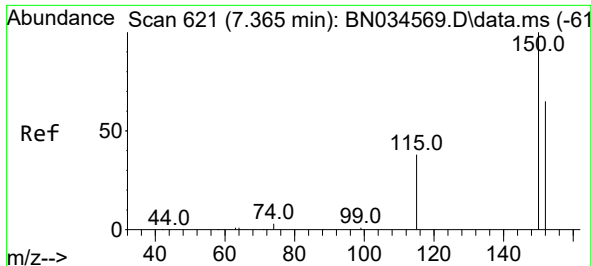
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034588.D
Acq On : 15 Oct 2024 01:20
Operator : RC/JU
Sample : P4282-01DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

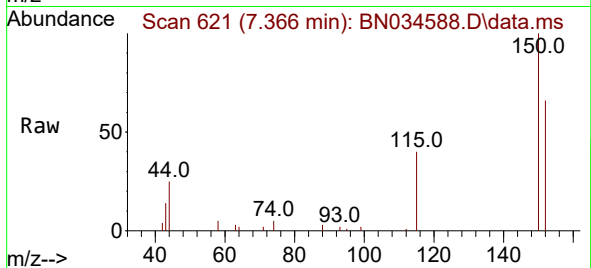
Quant Time: Oct 15 01:42:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:52:02 2024
Response via : Initial Calibration



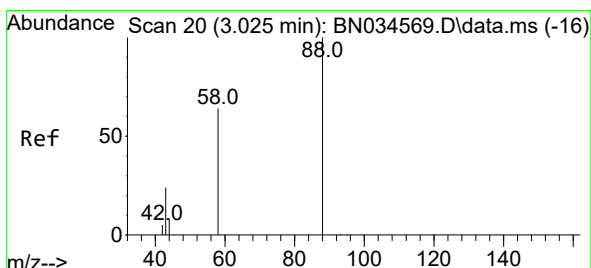
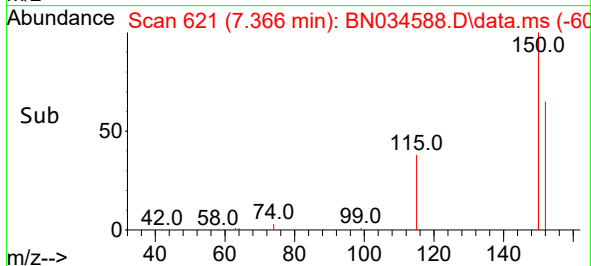
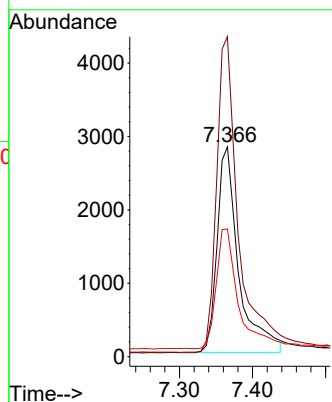


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.366 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN034588.D
 Acq: 15 Oct 2024 01:20

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241002DL

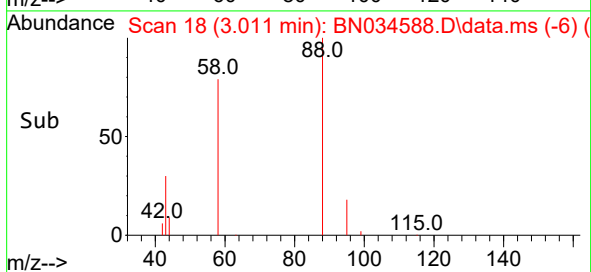
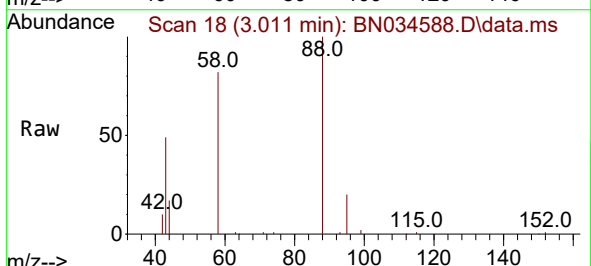
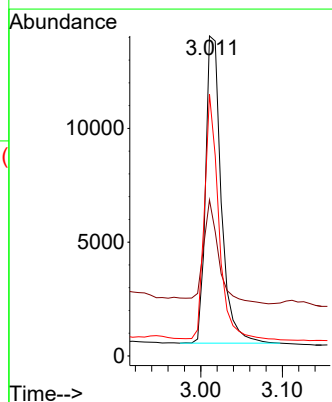


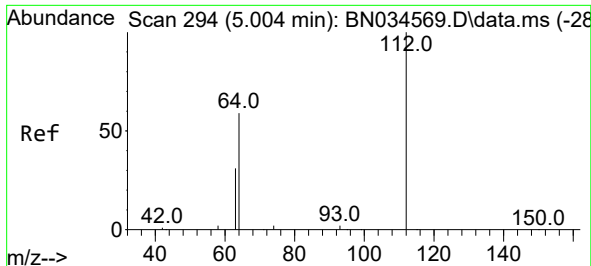
Tgt Ion:152 Resp: 5734
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.0 183.0
 115 60.8 48.3 72.5



#2
 1,4-Dioxane
 Concen: 2.618 ng
 RT: 3.011 min Scan# 18
 Delta R.T. -0.014 min
 Lab File: BN034588.D
 Acq: 15 Oct 2024 01:20

Tgt Ion: 88 Resp: 18108
 Ion Ratio Lower Upper
 88 100
 43 33.0 22.8 34.2
 58 73.1 56.4 84.6





#4

2-Fluorophenol

Concen: 0.064 ng

RT: 5.011 min Scan# 294

Delta R.T. 0.007 min

Lab File: BN034588.D

Acq: 15 Oct 2024 01:20

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20241002DL

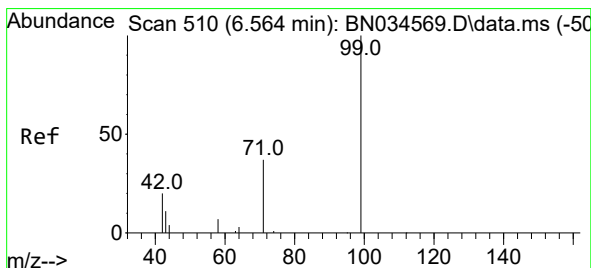
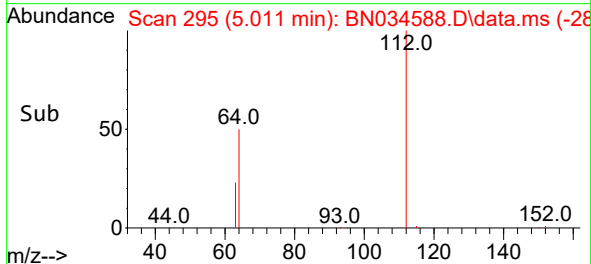
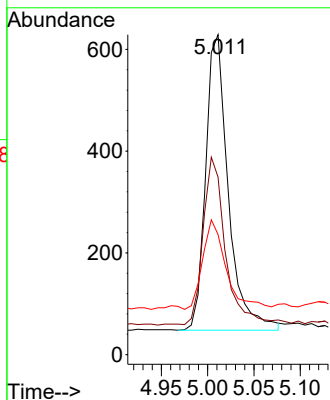
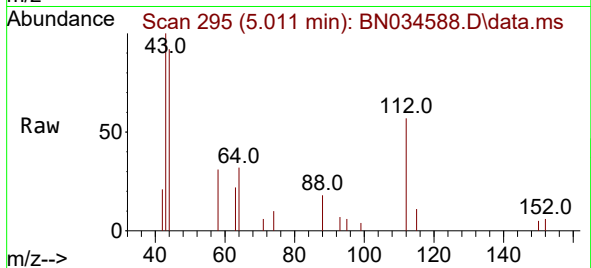
Tgt Ion:112 Resp: 990

Ion Ratio Lower Upper

112 100

64 55.9 44.6 66.8

63 31.2 23.8 35.6



#5

Phenol-d6

Concen: 0.022 ng

RT: 6.636 min Scan# 520

Delta R.T. 0.072 min

Lab File: BN034588.D

Acq: 15 Oct 2024 01:20

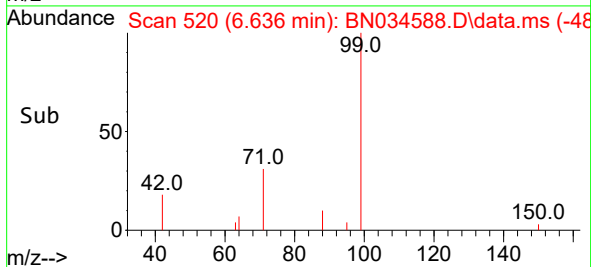
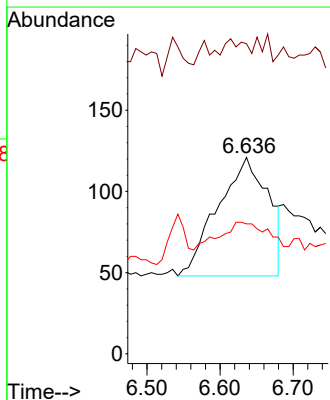
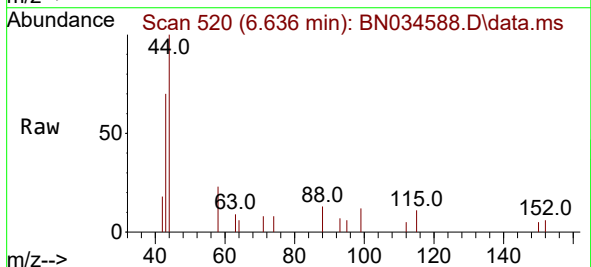
Tgt Ion: 99 Resp: 351

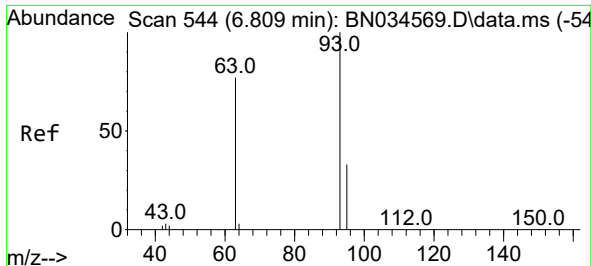
Ion Ratio Lower Upper

99 100

42 0.0 15.0 22.6#

71 0.0 28.0 42.0#

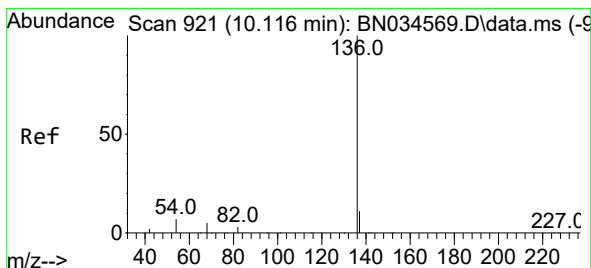
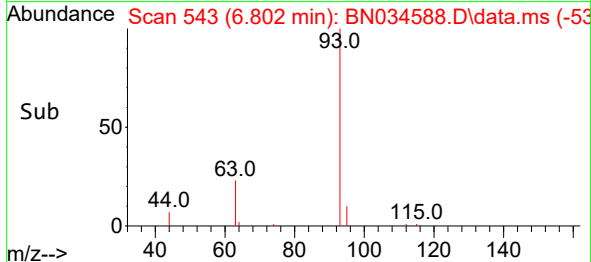
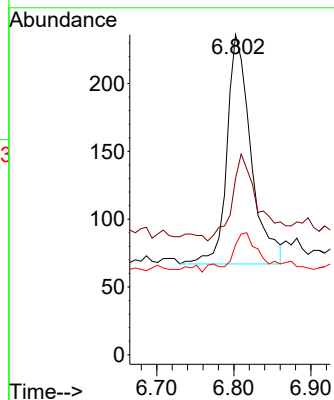
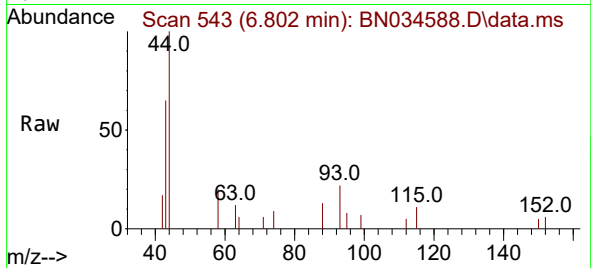




#6
bis(2-Chloroethyl)ether
Concen: 0.028 ng
RT: 6.802 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN034588.D
Acq: 15 Oct 2024 01:20

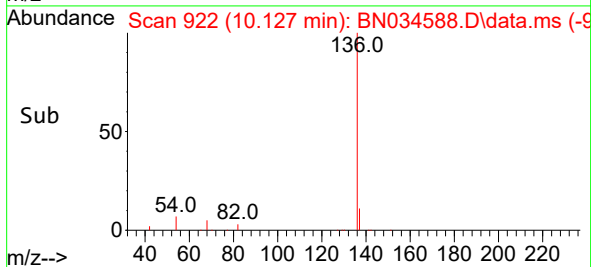
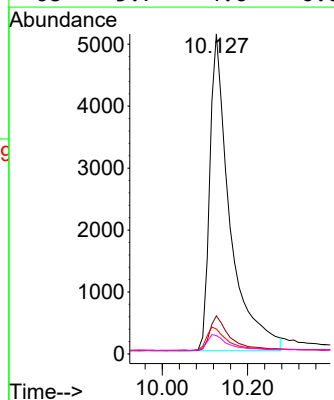
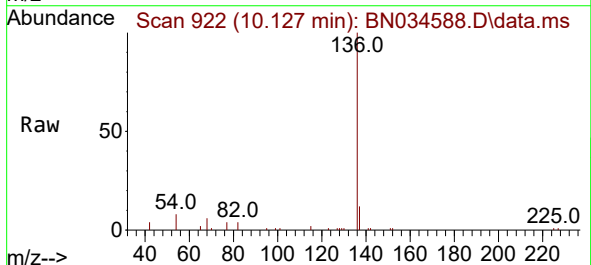
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

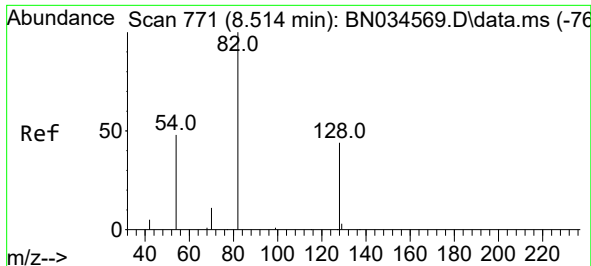
Tgt Ion: 93 Resp: 366
Ion Ratio Lower Upper
93 100
63 41.3 64.6 96.8#
95 15.6 27.9 41.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. 0.011 min
Lab File: BN034588.D
Acq: 15 Oct 2024 01:20

Tgt Ion:136 Resp: 16758
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 7.8 6.2 9.4
68 5.7 4.6 6.8

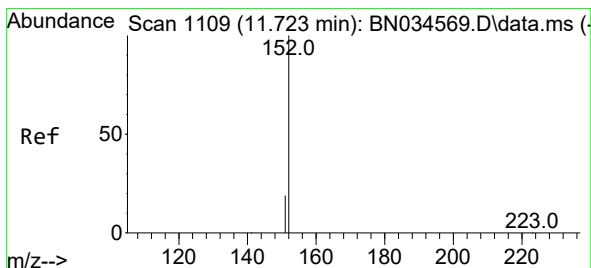
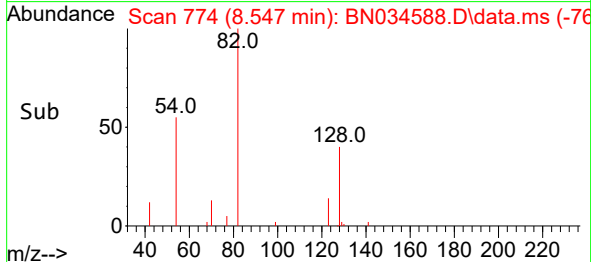
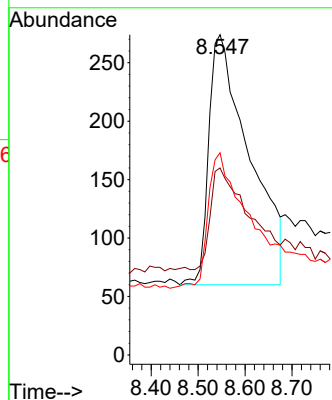
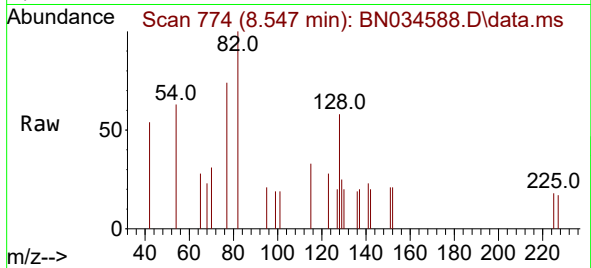




#8
Nitrobenzene-d5
Concen: 0.118 ng
RT: 8.547 min Scan# 71
Delta R.T. 0.032 min
Lab File: BN034588.D
Acq: 15 Oct 2024 01:20

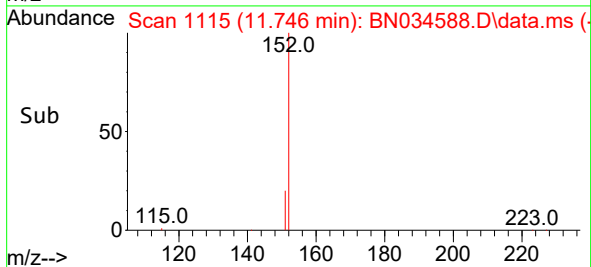
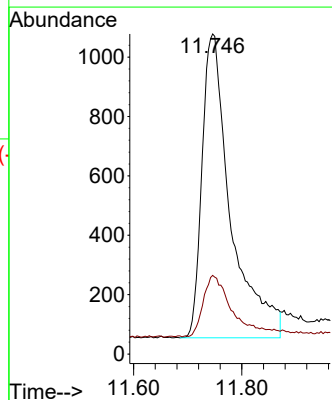
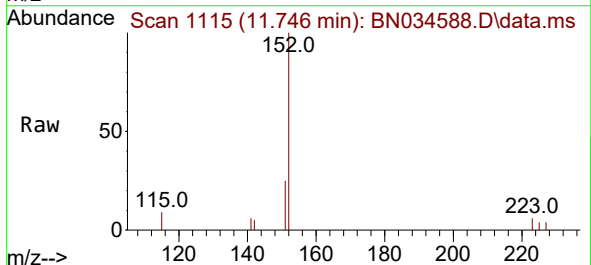
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

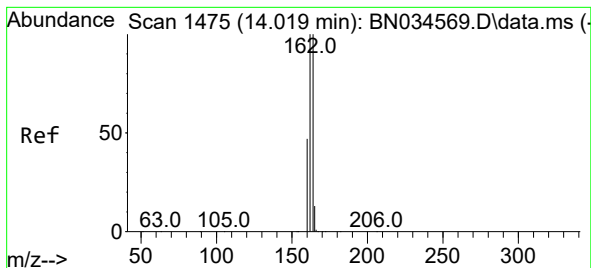
Tgt Ion: 82 Resp: 1286
Ion Ratio Lower Upper
82 100
128 58.4 38.0 57.0#
54 63.1 40.6 60.8#



#11
2-Methylnaphthalene-d10
Concen: 0.149 ng
RT: 11.746 min Scan# 1115
Delta R.T. 0.023 min
Lab File: BN034588.D
Acq: 15 Oct 2024 01:20

Tgt Ion:152 Resp: 3755
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.015 min Scan# 1475

Delta R.T. -0.004 min

Lab File: BN034588.D

Acq: 15 Oct 2024 01:20

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20241002DL

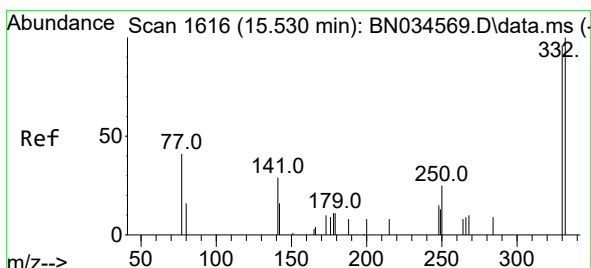
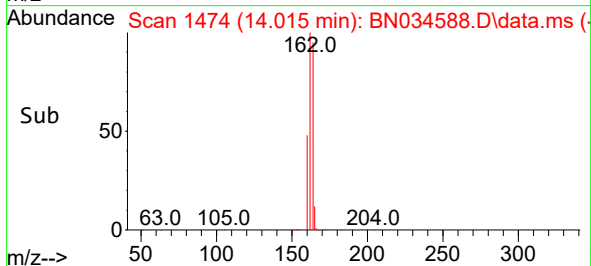
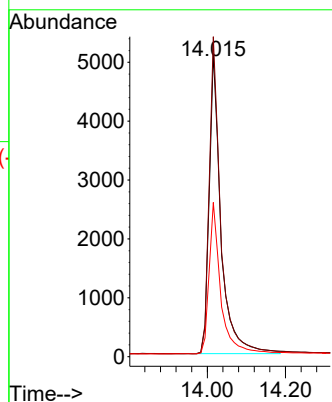
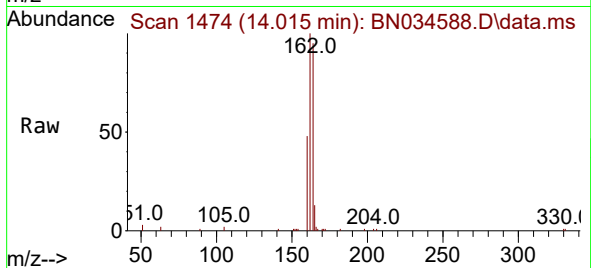
Tgt Ion:164 Resp: 10655

Ion Ratio Lower Upper

164 100

162 105.6 79.7 119.5

160 50.9 37.9 56.9



#14

2,4,6-Tribromophenol

Concen: 0.115 ng

RT: 15.549 min Scan# 1617

Delta R.T. 0.019 min

Lab File: BN034588.D

Acq: 15 Oct 2024 01:20

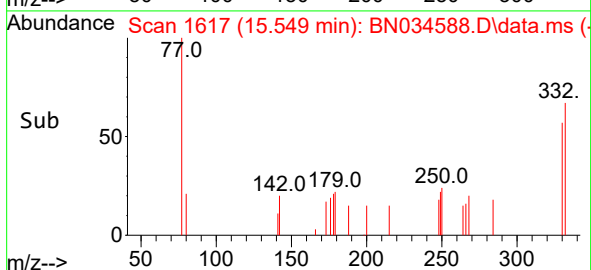
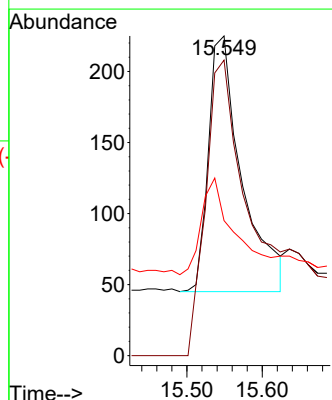
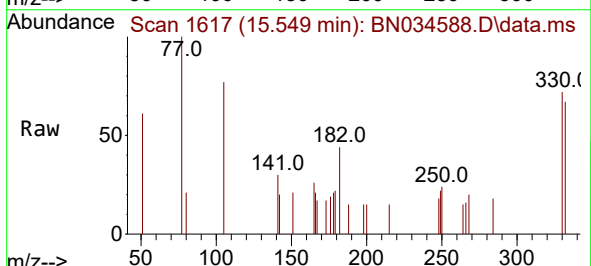
Tgt Ion:330 Resp: 543

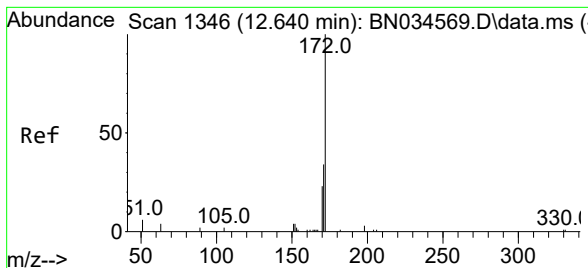
Ion Ratio Lower Upper

330 100

332 153.4 104.3 156.5

141 37.2 29.4 44.0





#15

2-Fluorobiphenyl

Concen: 0.147 ng

RT: 12.647 min Scan# 11

Delta R.T. 0.007 min

Lab File: BN034588.D

Acq: 15 Oct 2024 01:20

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20241002DL

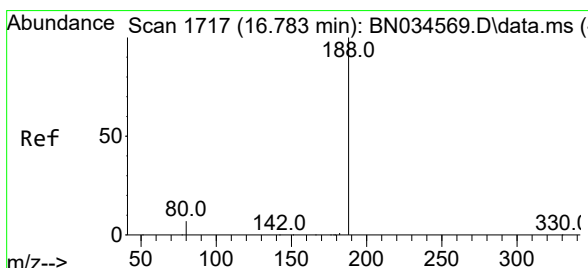
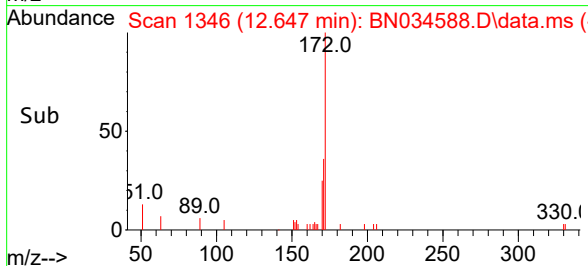
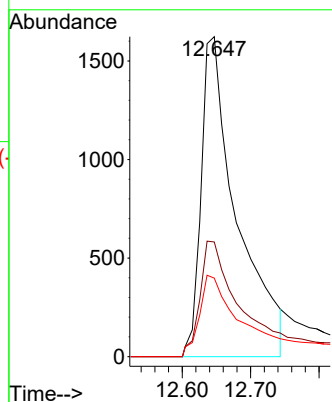
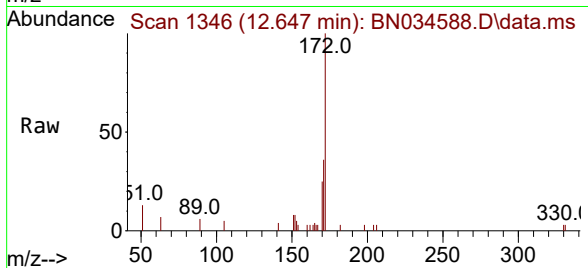
Tgt Ion:172 Resp: 5388

Ion Ratio Lower Upper

172 100

171 35.9 27.1 40.7

170 24.5 18.5 27.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.778 min Scan# 1716

Delta R.T. -0.005 min

Lab File: BN034588.D

Acq: 15 Oct 2024 01:20

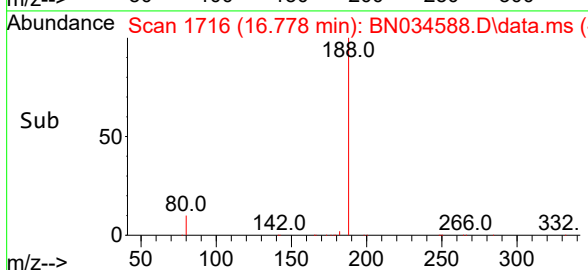
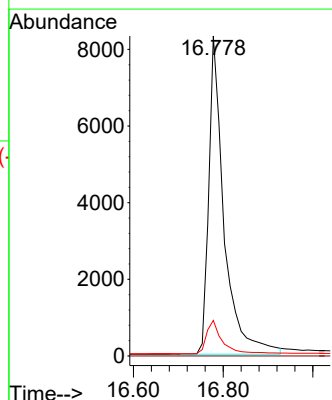
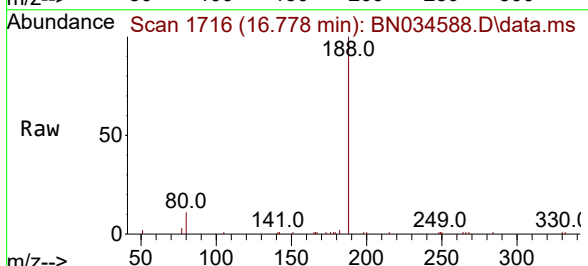
Tgt Ion:188 Resp: 19543

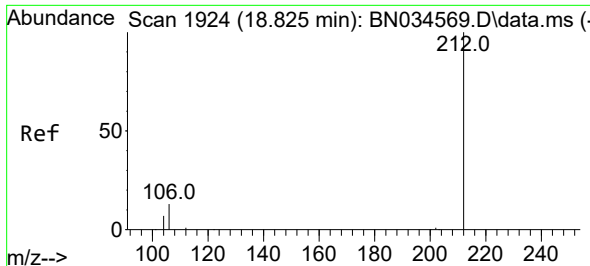
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 6.3 9.5#

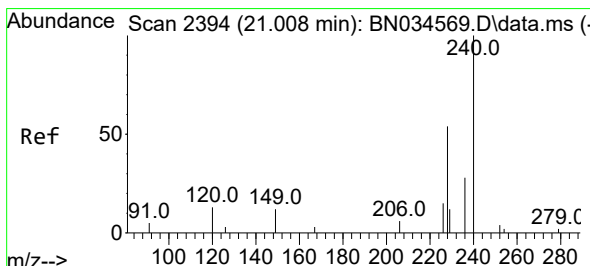
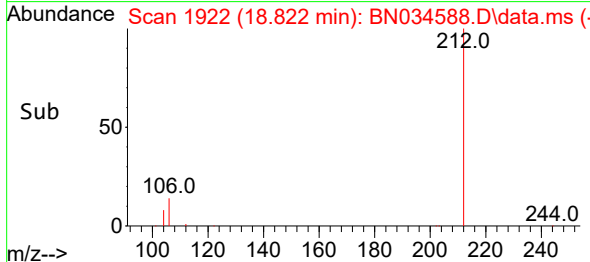
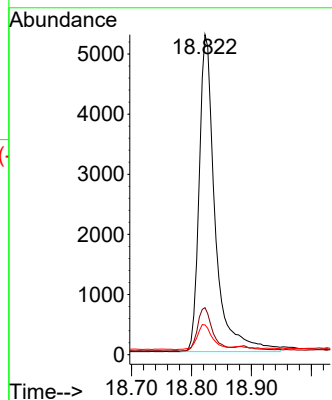
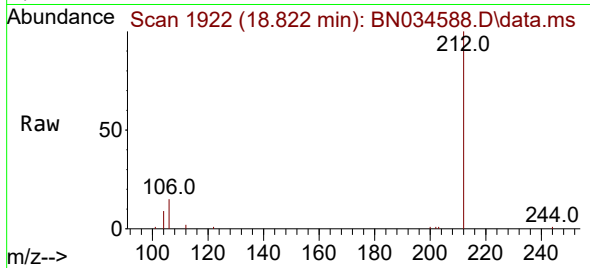




#27
Fluoranthene-d10
Concen: 0.206 ng
RT: 18.822 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BN034588.D
Acq: 15 Oct 2024 01:20

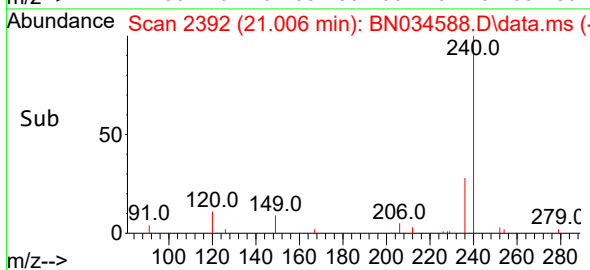
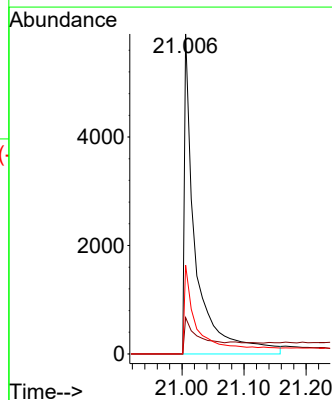
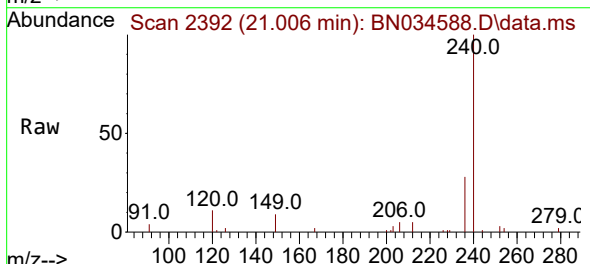
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

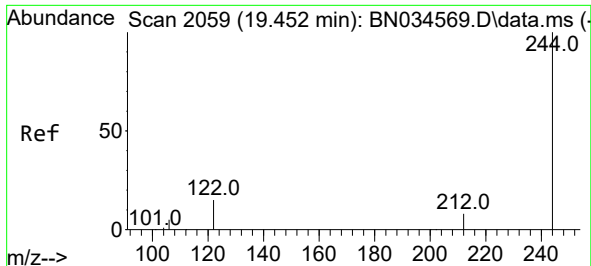
Tgt Ion:212 Resp: 9770
Ion Ratio Lower Upper
212 100
106 12.9 11.1 16.7
104 7.6 6.5 9.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.002 min
Lab File: BN034588.D
Acq: 15 Oct 2024 01:20

Tgt Ion:240 Resp: 7752
Ion Ratio Lower Upper
240 100
120 11.3 10.1 15.1
236 27.7 22.6 34.0

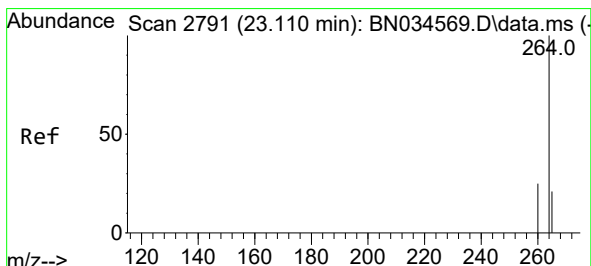
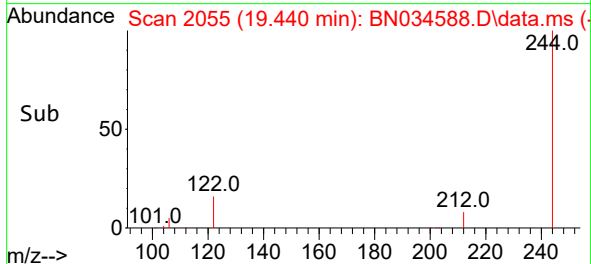
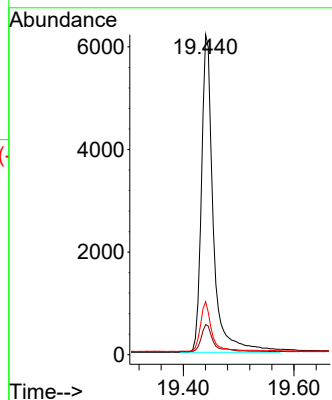
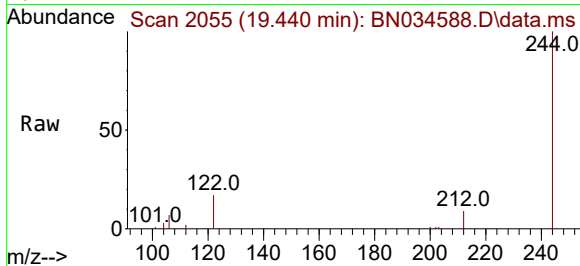




#31
Terphenyl-d14
Concen: 0.362 ng
RT: 19.440 min Scan# 2059
Delta R.T. -0.012 min
Lab File: BN034588.D
Acq: 15 Oct 2024 01:20

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

Tgt Ion:244 Resp: 9256
Ion Ratio Lower Upper
244 100
212 9.4 7.7 11.5
122 16.5 12.6 19.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.102 min Scan# 2787
Delta R.T. -0.008 min
Lab File: BN034588.D
Acq: 15 Oct 2024 01:20

Tgt Ion:264 Resp: 14568
Ion Ratio Lower Upper
264 100
260 25.3 20.9 31.3
265 61.0 61.6 92.4#

